

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-20 (Cancelled)

Claim 21. (Previously Presented) The isolated monoclonal antibody produced by the hybridoma deposited with the ATCC as Accession Number PTA-5690.

Claim 22. (Previously Presented) A humanized antibody produced from the isolated monoclonal antibody of claim 21.

Claim 23. (Cancelled)

Claim 24. (Original) Antigen binding fragments of the isolated monoclonal antibody of claim 21.

Claim 25. (Original) Antigen binding fragments of the humanized antibody of claim 22.

Claim 26. (Cancelled)

Claim 27. (Previously Presented) The isolated monoclonal antibody or antigen binding fragments of any one of claims 21,

22, 24, or 25 conjugated with a member selected from the group consisting of toxins, enzymes, radioactive compounds, and hematogenous cells.

Claim 28. (Previously Presented) The isolated hybridoma deposited with the ATCC as Accession Number PTA-5690.

Claim 29. (Withdrawn-Currently Amended) A binding assay to determine presence of cancerous cells in a tissue sample selected from a human colon tumor comprising:

providing a tissue sample from said human colon tumor;

providing an isolated monoclonal antibody produced by the hybridoma deposited with the ATCC as Accession Number PTA-5690 or antigen binding fragment thereof; or an antibody conjugate thereof;

contacting said isolated monoclonal antibody or antigen binding fragment thereof or antibody conjugate thereof with said tissue sample; and

determining binding of said isolated monoclonal antibody or antigen binding fragment thereof or antibody conjugate thereof with said tissue sample;

whereby the presence of said cancerous cells in said tissue sample is indicated.

Claim 30. (Cancelled)

Claim 31. (Withdrawn-Currently Amended) A process of isolating or screening for cancerous cells in a tissue sample selected from a human colon tumor comprising:

providing a tissue sample from [[a]] said human colon tumor;

providing an isolated monoclonal antibody produced by the hybridoma deposited with the ATCC as Accession Number PTA-5690 or antigen binding fragment thereof; or an antibody conjugate thereof;

contacting said isolated monoclonal antibody or antigen binding fragment thereof or antibody conjugate thereof with said tissue sample; and

determining binding of said isolated monoclonal antibody or antigen binding fragment thereof or antibody conjugate thereof with said tissue sample;

whereby said cancerous cells are isolated by said binding and their presence in said tissue sample is confirmed.

Claim 32. (Cancelled)